

## EAST Search History

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--|------------------|---------|------------------|
| S1    | 2    | "5578808".pn.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/01/08 03:53 |
| S2    | 463  | "235"/\$.ccls. and (input\$4 with direct\$4 with card)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/01/08 03:53 |
| S3    | 138  | "235"/\$.ccls. and (input\$4 with direct\$4 with card) and ((modify\$4 or updat\$4 or chang\$4) with data)        | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/01/08 03:54 |
| S4    | 11   | "235"/\$.ccls. and ((input\$4 with direct\$4 with card) same ((modify\$4 or updat\$4 or chang\$4) with data))     | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/01/08 04:05 |
| S5    | 314  | "235"/\$.ccls. and ((input\$4 with card) same ((modify\$4 or chang\$4 or updat\$4) with data))                    | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/01/08 04:06 |
| S6    | 1    | "235"/\$.ccls. and ((input\$4 with card) same ((modify\$4) with data)) and (modify\$4 with edit\$4 with delet\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/01/08 04:06 |
| S7    | 1    | "235"/\$.ccls. and ((input\$4 with card) same ((modify\$4) with data)) and (modify\$4 same edit\$4 same delet\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/01/08 04:06 |
| S8    | 559  | "235"/\$.ccls. and ((user or cardholder owner) with (modify\$4 or updat\$4) with data)                            | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/01/08 04:07 |

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| S9  | 102  | "235"/\$.ccls. and ((user or cardholder owner) with (modify\$4 or updat\$4) with data) and edit\$4 and delet\$4   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 04:08 |
| S10 | 55   | "235"/\$.ccls. and ((user or cardholder owner) with (modify\$4 or updat\$4) with data) and edit\$4 and delet\$4 and (card with (keypad or keyboard or input\$4))                                    | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 04:13 |
| S11 | 6049 | "235"/\$.ccls. and (input\$4 with card)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 04:14 |
| S12 | 881  | "235"/\$.ccls. and (input\$4 with card) and ((modify\$4 or chang\$4 or edit\$4 or updat\$4) with data with card)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 04:45 |
| S13 | 154  | "235"/\$.ccls. and (input\$4 with card) and (((modify\$4 or chang\$4 or edit\$4 or updat\$4) with data with card) same (keypad or keyboard or key))   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 04:46 |
| S14 | 16   | ("3970992"   "4277837"   "4454414"   "4511970"   "4529870"   "4593155"   "4611205"   "4623964"   "4625276"   "4634845"   "4697072"   "4707592"   "4709137"   "4734858"   "4736094"   "4749982").PN. | US-PGPUB; USPAT; USOCR                             | OR | ON | 2007/01/08 04:54 |
| S15 | 47   | ("4959788").URPN.   | USPAT  | OR | ON | 2007/01/08 04:57 |
| S16 | 21   | "235"/\$.ccls. and ((chang\$4 or modify\$4 or edit\$4 or updat\$4) with account with number with (keypad or key or input\$4))   | USPAT  | OR | ON | 2007/01/08 05:00 |
| S17 | 354  | "235"/\$.ccls. and (card with medical)  | USPAT  | OR | ON | 2007/01/08 05:01 |
| S18 | 301  | "235"/\$.ccls. and (card with medical) and (chang\$4 or modify\$4 or updat\$4 or edit\$4)   | USPAT  | OR | ON | 2007/01/08 05:01 |
| S19 | 33   | "235"/\$.ccls. and (card with medical) and ((chang\$4 or modify\$4 or updat\$4 or edit\$4) with medical)  | USPAT  | OR | ON | 2007/01/08 05:03 |

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| S20 | 58  | "705"/\$.ccls. and (card with medical) and ((chang\$4 or modify\$4 or updat\$4 or edit\$4) with medical)  | USPAT  | OR | ON | 2007/01/08 05:03 |
| S21 | 25  | "705"/\$.ccls. and (card with medical) and ((chang\$4 or modify\$4 or updat\$4 or edit\$4) with medical) and (card with (keypad or key or input)) | USPAT  | OR | ON | 2007/01/08 05:07 |
| S22 | 423 | ((modify\$4 or updat\$4 or edit\$4) with (data or record or information) with (keypad or key) with card)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/08 05:09 |
| S23 | 65  | ((modify\$4 or updat\$4 or edit\$4) with (data or record or information) with (keypad or key) with card) and "235"/\$.ccls.                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/08 05:10 |
| S24 | 12  | ((modify\$4 or updat\$4 or edit\$4) with (data or record or information) with (keypad) with card) and "235"/\$.ccls.                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/08 05:10 |
| S25 | 20  | ((modify\$4 or updat\$4 or edit\$4) with (data or record or information) with (keypad) with card)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/08 05:12 |
| S26 | 2   | "4,954,985".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/08 05:11 |
| S27 | 2   | "5,777,903".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/08 05:14 |

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|     |     |   |  |    |    |                  |
|-----|-----|---|--|----|----|------------------|
| S28 | 2   | "6631849".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/08 05:18 |
| S29 | 404 | "235"/\$.ccls. and (input\$4 with card with (modify\$4 or chang\$4 or edit\$4 or updat\$4))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/08 05:19 |
| S30 | 102 | "235"/\$.ccls. and (input\$4 near5 card near5 (modify\$4 or chang\$4 or edit\$4 or updat\$4))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/08 05:23 |
| S31 | 51  | "235"/\$.ccls. and ((noncontact or non-contact or wireless) with card) and (wireless\$4 with writ\$4 with data with card)                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/08 05:27 |
| S32 | 17  | "235"/\$.ccls. and ((noncontact or non-contact or wireless) with card) and (wireless\$4 with writ\$4 with data with card) and ram and rom | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/08 05:37 |
| S33 | 64  | koyama.xa.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/08 05:37 |
| S34 | 172 | "235"/\$.ccls. and ((wireless or noncontact or non-contact) with card) and (delet\$4 with (data or information))                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/08 05:54 |

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|     |       |  |  |    |    |                  |
|-----|-------|--|--|----|----|------------------|
| S35 | 11120 | ((user or cardholder or holder) with input\$4 with card)                           | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 05:56 |
| S36 | 127   | ((user or cardholder or holder) with input\$4 with card with updat\$)              | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 05:56 |
| S37 | 33    | ((user or cardholder or holder) with input\$4 with card with updat\$) and delet\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 06:04 |
| S38 | 2208  | (input\$4 with card with keypad)   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 06:04 |
| S39 | 519   | (input\$4 with card with keypad) and delet\$4                                      | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 06:05 |
| S40 | 291   | (input\$4 with card with keypad) and delet\$4 and modify\$4                        | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 06:05 |
| S41 | 289   | (input\$4 with card with keypad) and card.ti.                                      | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/08 06:05 |
| S42 | 3     | ("6502748").URPN.  | USPAT  | OR | ON | 2007/01/08 06:08 |

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|-----|----|---|------------------------------|----|----|------------------|
| S43 | 13 | ( "4277837"   "4625276"   "4766293"   "5623552"   "5770849"   "5777903"   "5789733"   "5861841"   "5884292"   "5929427"   "6010066"   "6070795"   "6394343" ).PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/01/08 06:08 |
|-----|----|---|------------------------------|----|----|------------------|